Project Title	Funding	Strategic Plan Objective	Institution
An MEG investigation of neural biomarkers and language in nonverbal children with autism spectrum disorders	$0	Q1.L.A	University of Colorado Denver
Biomarkers for autism and for gastrointestinal and sleep problems in autism	$0	Q1.L.A	Yale University
Epigenetic biomarkers of autism in human placenta	$0	Q1.L.A	University of California, Davis
Serum antibody biomarkers for ASD	$0	Q1.L.A	University of Texas Southwestern Medical Center
Subtyping of toddlers with ASD based on patterns of social attention deficits	$0	Q1.L.B	Yale University
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	$0	Q1.L.C	Johns Hopkins University
How autism affects speech understanding in multitalker environments	$0	Q2.Other	University of Maryland, College Park
White matter glial pathology in autism	$0	Q2.Other	East Tennessee State University
Dual modulators of GABA-A and Alpha7 nicotinic receptors for treating autism	$0	Q2.Other	University of California, Irvine
The role of the new mTOR complex, mTORC2, in autism spectrum disorders	$0	Q2.Other	Baylor College of Medicine
Mechanisms of synaptic alterations in a neuroinflammation model of autism	$0	Q2.S.A	University of Nebraska Medical Center
Mechanisms of mitochondrial dysfunction in autism	$0	Q2.S.A	Georgia State University
Altered placental tryptophan metabolism: A crucial molecular pathway for the fetal programming of neurodevelopmental disorders	$0	Q2.S.A	University of Southern California
Prenatal antidepressants and autism spectrum disorder	$0	Q3.L.C	Cincinnati Children's Hospital Medical Center
Risk factors, comorbid conditions, and epidemiology of autism in children	$0	Q3.S.H	Henry M. Jackson Foundation
Modeling gut microbial ecology and metabolism in autism using an innovative ex vivo approach	$0	Q3.S.I	University of Guelph
Metabolic signature of antipsychotics used in the treatment of autism	$0	Q4.L.C	University of Cincinnati
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	$0	Q4.S.B	University of North Carolina at Chapel Hill
Examination of the mGluR-mTOR pathway for the identification of potential therapeutic targets to treat fragile X	$0	Q4.S.B	University of Pennsylvania
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	$0	Q4.S.B	Salk Institute for Biological Studies
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	$0	Q4.S.B	University of North Carolina at Chapel Hill
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	$0	Q4.S.B	University of California, San Francisco
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	$0	Q4.S.B	University of North Carolina at Chapel Hill

Project Title	Funding	Strategic Plan Objective	Institution
Novel therapeutic targets to treat social behavior deficits in autism and related disorders	$0	Q4.S.B	University of Texas Health Science Center at San Antonio
Intranasal oxytocin for the treatment of children and adolescents with autism spectrum disorders (ASD)	$0	Q4.S.C	Holland Bloorview Kids Rehabilitation Hospital
A randomized, controlled trial of intranasal oxytocin as an adjunct to behavioral therapy for autism spectrum disorder	$0	Q4.S.C	Massachusetts General Hospital
A randomized clinical trial of cognitive enhancement therapy for adults with autism spectrum disorders	$0	Q4.S.F	University of Pittsburgh
Tailored behavioral intervention for insomnia in children with autism spectrum disorders	$0	Q4.S.H	University of Pennsylvania
Using technology to expand and enhance applied behavioral analysis programs for children with autism in military families	$0	Q5.L.A	University of Nebraska Medical Center
Evaluating and enhancing driving ability among teens with autism spectrum disorder (ASD)	$0	Q6.L.A	University of Iowa
Evaluating and enhancing driving ability among teens with autism spectrum disorder (ASD)	$0	Q6.L.A	University of Virginia
PROTEOMIC MAPPING OF THE IMMUNE RESPONSE TO GLUTEN IN CHILDREN WITH AUTISM	$67,041	Q3.S.E	Columbia University New York Morningside
CIRCADIAN RHYTHMS IN CHILDREN WITH ASD AND THEIR INFANT SIBLINGS	$99,000	Q2.S.E	Naval Medical Research Center
AUTISM AND OBESITY: CO-OCCURRING CONDITIONS OR DRUG SIDE EFFECTS?	$99,820	Q2.S.E	Children's Mercy Hospital
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	$144,000	Q1.L.B	Yale University
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	$147,531	Q1.L.B	University of Texas San Antonio
PLACENTAL IDENTIFICATION AND IMMUNE QUANTIFICATION OF ACUTE AND/OR CHRONIC INFLAMMATION IN CHILDREN DIAGNOSED WITH PLACENTAL AUTISM IN UNIVERSITY AND COMMUNITY HOSPITALS	$148,000	Q3.L.C	Institute for Basic Research in Developmental Disabilities
FUNDAMENTAL VISUAL REPRESENTATIONS AND SOCIAL COGNITION IN ASD	$158,000	Q1.L.B	Albert Einsteign College of Medicine Yeshiva University
IMPLICIT LEARNING ABILITIES PREDICT TREATMENT RESPONSE IN AUTISM SPECTRUM DISORDERS	$158,963	Q1.L.B	Joan and Sanford I Weill Medical College of Cornell University
PRECURSORS TO THE DEVELOPMENT OF ANXIETY DISORDERS IN YOUNG CHILDREN WITH AUTISM SPECTRUM DISORDER	$173,826	Q2.S.E	Duke University
DISRUPTION OF TROPHIC INHIBITORY SIGNALING IN AUTISM SPECTRUM DISORDERS	$180,832	Q2.Other	Northwstern University

Project Title	Funding	Strategic Plan Objective	Institution
MATERNAL BRAIN-REACTIVE ANTIBODIES AND AUTISM SPECTRUM DISORDER	$190,577	Q2.S.A	Feinstein Institute for Medical Research
IMAGING DEPRESSION IN ADULTS WITH ASD	$192,601	Q2.S.E	State University New York Stony Brook
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	$273,772	Q1.L.B	University of California San Diego
IMPROVING HEALTHCARE TRANSITION PLANNING AND HEALTH-RELATED INDEPENDENCE FOR YOUTH WITH ASD AND THEIR FAMILIES	$308,685	Q6.S.A	University of Missouri
BRAIN MECHANISMS OF AFFECTIVE LANGUAGE COMPREHENSION IN AUTISM SPECTRUM DISORDERS	$506,507	Q2.Other	University of Maryland, College Park
PRECURSORS TO THE DEVELOPMENT OF ANXIETY DISORDERS IN YOUNG CHILDREN WITH AUTISM SPECTRUM DISORDER	$515,246	Q2.S.E	University of North Carolina at Chapel Hill
Identifying markers for treatment response to cognitive training in autism spectrum disorders	$560,000	Q4.S.F	University of California, Davis
PRECURSORS TO THE DEVELOPMENT OF ANXIETY DISORDERS IN YOUNG CHILDREN WITH AUTISM SPECTRUM DISORDER	$589,750	Q2.S.E	Duke University